

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	114	(548/418).CCLS.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/02/09 11:04
L2	822	(514/410).CCLS.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/02/09 11:04
L3	335	(546/48).CCLS.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/02/09 11:05
L4	226	(514/280).CCLS.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/02/09 11:05

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NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6 DEC 14 CA/Caplus to be enhanced with updated IPC codes
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/Caplus with the
IPC reform
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 13 JAN 30 Saved answer limit increased
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
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FILE 'HOME' ENTERED AT 09:53:53 ON 09 FEB 2006

=> fil caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

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FILE COVERS 1907 - 9 Feb 2006 VOL 144 ISS 7
FILE LAST UPDATED: 8 Feb 2006 (20060208/ED)

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=> s us20040077672/pn
L1 1 US20040077672/PN
(US2004077672/PN)

=> d

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2004:326182 CAPLUS
 DN 140:339315
 TI New anticancer bis-fused [3,4-a:3,4-c]carbazole derivatives, process for
 their preparation, and pharmaceutical compositions containing them
 IN Prudhomme, Michelle; Hugon, Bernadette; Anizon, Fabrice; Hickman, John;
 Pierre, Alain; Golsteyn, Roy; Renard, Pierre; Pfeiffer, Bruno
 PA Les Laboratoires Servier, Fr.
 SO Eur. Pat. Appl., 42 pp.
 CODEN: EPXXDW
 DT Patent
 LA French
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1411057	A1	20040421	EP 2003-292545	20031014
EP 1411057	B1	20050427		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
FR 2845996	A1	20040423	FR 2002-12847	20021016
US 2004077672	A1	20040422	US 2003-672418	20030926
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AT 294181	E	20050515	AT 2003-292545	20031014
ES 2240927	T3	20051016	ES 2003-3292545	20031014
CA 2443585	AA	20040416	CA 2003-2443585	20031015
BR 2003004575	A	20040720	BR 2003-4575	20031015
NZ 528902	A	20040924	NZ 2003-528902	20031015
ZA 2003008053	A	20040708	ZA 2003-8053	20031016
JP 2004277404	A2	20041007	JP 2003-355815	20031016
PRAI FR 2002-12847	A	20021016		

OS MARPAT 140:339315
 RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> select 11
ENTER ANSWER NUMBER OR RANGE (1-):1
ENTER DISPLAY CODE (TI) OR ?:rn
E1 THROUGH E50 ASSIGNED

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.63	3.84

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STRUCTURE FILE UPDATES: 7 FEB 2006 HIGHEST RN 873775-18-9
DICTIONARY FILE UPDATES: 7 FEB 2006 HIGHEST RN 873775-18-9

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*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
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=> s e1-e50

1 100-36-7/BI
(100-36-7/RN)
1 10075-50-0/BI
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1 119139-14-9/BI
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1 120-72-9/BI
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1 1215-59-4/BI
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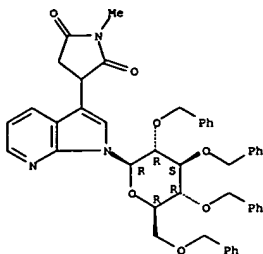
L2

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 OR 568545-20-0/BI OR 681162-71-0/BI OR 681162-73-2/BI OR 681162-
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 OR 681163-20-2/BI OR 681163-22-4/BI OR 930-88-1/BI)

=> d 12 1-50

L2 ANSWER 1 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681163-22-4 REGISTRY
 ED Entered STN: 11 May 2004
 CN 2,5-Pyrrolidinedione, 1-methyl-3-[1-([2,3,4,6-tetrakis-O-(phenylmethyl)-
 β-D-glucopyranosyl]-1H-pyrrolo[2,3-b]pyridin-3-yl)- (9CI) (CA INDEX
 NAME)
 OTHER NAMES:
 CN 1-Methyl-3-[1-([2,3,4,6-tetra-O-benzyl-β-D-glucopyranosyl]-1H-
 pyrrolo[2,3-b]pyridin-3-yl)-2,5-pyrrolidinedione
 FS STEREOSEARCH
 MF C46 H45 N3 O7
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

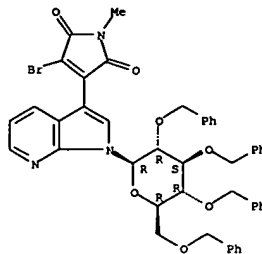


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681163-20-2 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Pyrrole-2,5-dione, 3-bromo-1-methyl-4-[1-([2,3,4,6-tetrakis-O-
 (phenylmethyl)-β-D-glucopyranosyl]-1H-pyrrolo[2,3-b]pyridin-3-yl)-
 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-Bromo-1-methyl-4-[1-([2,3,4,6-tetra-O-benzyl-β-D-glucopyranosyl]-1H-
 pyrrolo[2,3-b]pyridin-3-yl)-1H-pyrrole-2,5-dione
 FS STEREOSEARCH
 MF C46 H42 Br N3 O7
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

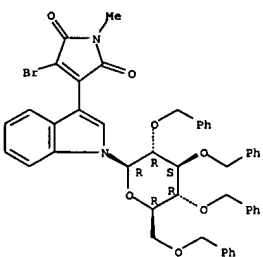


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L2 ANSWER 3 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681163-18-8 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Pyrrole-2,5-dione, 3-bromo-1-methyl-4-[1-([2,3,4,6-tetrakis-O-
 (phenylmethyl)-β-D-glucopyranosyl]-1H-indol-3-yl)- (9CI) (CA INDEX
 NAME)
 OTHER NAMES:
 CN 3-Bromo-1-methyl-4-[1-([2,3,4,6-tetra-O-benzyl-β-D-glucopyranosyl]-1H-
 indol-3-yl)-1H-pyrrole-2,5-dione
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 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

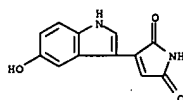
Absolute stereochemistry.



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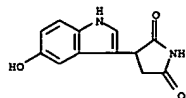
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 RN 681163-15-5 REGISTRY
 ED Entered STN: 11 May 2004
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 OTHER NAMES:
 CN 3-(5-Hydroxy-1H-indol-3-yl)-1H-pyrrole-2,5-dione
 FS 3D CONCORD
 MF C12 H8 N2 O3
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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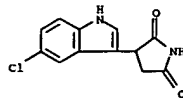
L2 ANSWER 5 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681163-13-3 REGISTRY
 ED Entered STN: 11 May 2004
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 OTHER NAMES:
 CN 3-(5-Hydroxy-1H-indol-3-yl)-2,5-pyrrolidinedione
 FS 3D CONCORD
 MF C12 H10 N2 O3
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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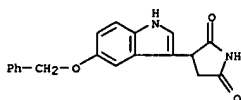
L2 ANSWER 6 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681163-08-6 REGISTRY
 ED Entered STN: 11 May 2004
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 FS 3D CONCORD
 MF C12 H9 Cl N2 O2
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 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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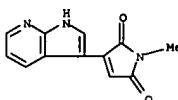
L2 ANSWER 7 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681163-03-1 REGISTRY
 ED Entered STN: 11 May 2004
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 OTHER NAMES:
 CN 3-[5-(Benzyloxy)-1H-indol-3-yl]-2,5-pyrrolidinedione
 FS 3D CONCORD
 MF C19 H16 N2 O3
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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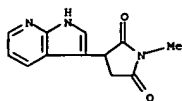
L2 ANSWER 8 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681163-01-9 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Pyrrole-2,5-dione, 1-methyl-3-(1H-pyrrolo[2,3-b]pyridin-3-yl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 1-Methyl-3-(1H-pyrrolo[2,3-b]pyridin-3-yl)-1H-pyrrole-2,5-dione
 FS 3D CONCORD
 MF C12 H9 N3 O2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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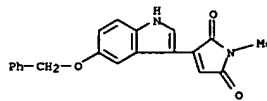
L2 ANSWER 9 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681162-99-2 REGISTRY
 ED Entered STN: 11 May 2004
 CN 2,5-Pyrrolidinedione, 1-methyl-3-(1H-pyrrolo[2,3-b]pyridin-3-yl)- (9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN 1-Methyl-3-(1H-pyrrolo[2,3-b]pyridin-3-yl)-2,5-pyrrolidinedione
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 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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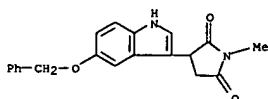
L2 ANSWER 10 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681162-95-8 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Pyrrole-2,5-dione, 1-methyl-3-[5-(phenylmethoxy)-1H-indol-3-yl]- (9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN 3-[5-(Benzyloxy)-1H-indol-3-yl]-1-methyl-1H-pyrrole-2,5-dione
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 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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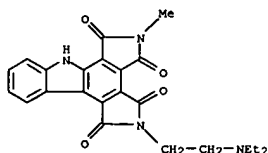
L2 ANSWER 11 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681162-93-6 REGISTRY
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 (CA INDEX NAME)
 OTHER NAMES:
 CN 3-[5-(Benzyloxy)-1H-indol-3-yl]-1-methyl-2,5-pyrrolidinedione
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 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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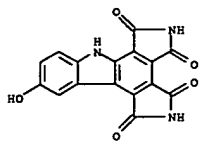
L2 ANSWER 12 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681162-91-4 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2-[2-(diethylamino)ethyl]-5-methyl- (9CI) (CA INDEX NAME)
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 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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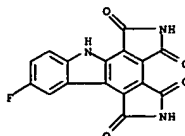
L2 ANSWER 13 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 691162-89-0 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone,
 10-hydroxy- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 10-Hydroxy-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone
 FS 3D CONCORD
 MF C16 H7 N3 O5
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

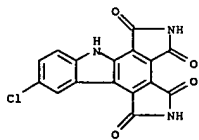
L2 ANSWER 14 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 691162-87-8 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone,
 10-fluoro- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 10-Fluoro-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone
 FS 3D CONCORD
 MF C16 H6 F N3 O4
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

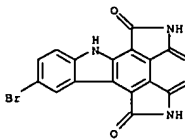
L2 ANSWER 15 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 691162-85-6 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone,
 10-chloro- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 10-Chloro-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone
 FS 3D CONCORD
 MF C16 H6 Cl N3 O4
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

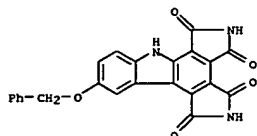
L2 ANSWER 16 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 691162-83-4 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 10-bromo- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 10-Bromo-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone
 FS 3D CONCORD
 MF C16 H6 Br N3 O4
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

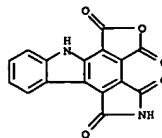
2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 17 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681162-81-2 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone,
 10-(phenylmethoxy)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 10-(Benzyloxy)-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-
 tetrone
 FS 3D CONCORD
 MF C23 H13 N3 O5
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



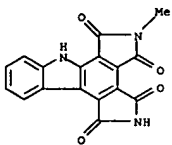
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 2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 18 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681162-79-8 REGISTRY
 ED Entered STN: 11 May 2004
 CN Puro[3,4-*a*]pyrrolo[3,4-*c*]carbazole-1,3,4,6(2H,7H)-tetrone (9CI) (CA
 INDEX NAME)
 FS 3D CONCORD
 MF C16 H6 N2 O5
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



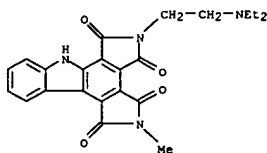
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT
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 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 19 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681162-77-6 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 5-methyl-
 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 5-Methyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone
 FS 3D CONCORD
 MF C17 H9 N3 O4
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT
 2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

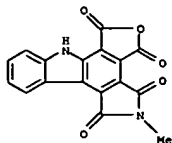
L2 ANSWER 20 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681162-75-4 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone,
 5-[2-(diethylamino)ethyl]-2-methyl-, hydrochloride (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 5-[2-(Diethylamino)ethyl]-2-methyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-
 1,3,4,6(2H,5H,7H)-tetrone hydrochloride
 MF C23 H22 N4 O4 . x Cl H
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
 CRN (791062-09-4)



● x HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

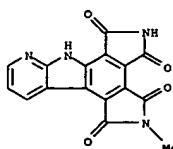
L2 ANSWER 21 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681162-73-2 REGISTRY
 ED Entered STN: 11 May 2004
 CN Furo[3,4-a]pyrrolo[3,4-c]carbazole-1,3,4,6(2H,7H)-tetrone, 2-methyl-
 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2-Methylfuro[3,4-a]pyrrolo[3,4-c]carbazole-1,3,4,6(2H,7H)-tetrone
 FS 3D CONCORD
 MF C17 H8 N2 O5
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

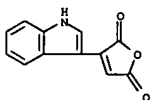
L2 ANSWER 22 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 681162-71-0 REGISTRY
 ED Entered STN: 11 May 2004
 CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-e:3',4'-g]indole-1,3,4,6(2H,5H,7H)-tetrone,
 2-methyl- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2-Methyl-1H-pyrido[2,3-b]dipyrrolo[3,4-e:3,4-g]indole-1,3,4,6(2H,5H,7H)-
 tetrone
 FS 3D CONCORD
 MF C16 H8 N4 O4
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

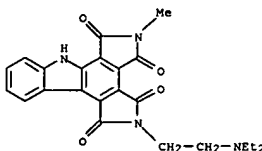
L2 ANSWER 23 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 560545-20-0 REGISTRY
 ED Entered STN: 18 Aug 2003
 CN 2,5-Furandione, 3-(1H-indol-3-yl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-(1H-Indol-3-yl)-2,5-furandione
 FS 3D CONCORD
 MF C12 H7 N O3
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 24 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 560545-19-7 REGISTRY
 ED Entered STN: 18 Aug 2003
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone,
 2-[2-(diethylamino)ethyl]-5-methyl-, monohydrochloride (9CI) (CA INDEX
 NAME)
 OTHER NAMES:
 CN 2-[2-(Diethylamino)ethyl]-5-methyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-
 1,3,4,6(2H,5H,7H)-tetrone hydrochloride
 DR 681162-69-6
 MF C23 H22 N4 O4 . C1 H
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL
 CRN (681162-91-4)

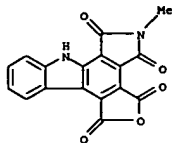


● HCl

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

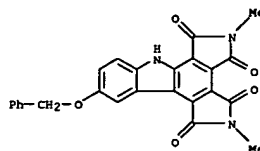
L2 ANSWER 25 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 568545-18-6 REGISTRY
 ED Entered STN: 18 Aug 2003
 CN Puro[3,4-c]pyrrolo[3,4-a]carbazole-1,3,4,6(5H,7H)-tetrone, 5-methyl-
 (9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN 5-Methylfuro[3,4-c]pyrrolo[3,4-a]carbazole-1,3,4,6(2H,5H,7H)-tetrone
 FS 3D CONCORD
 MF C17 H8 N2 O5
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
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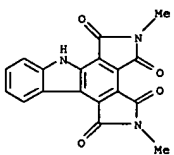
L2 ANSWER 26 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 568545-17-5 REGISTRY
 ED Entered STN: 18 Aug 2003
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone,
 2,5-dimethyl-10-(phenylmethoxy)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 10-(Benzyloxy)-2,5-dimethyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-
 1,3,4,6(2H,5H,7H)-tetrone
 FS 3D CONCORD
 MF C25 H17 N3 O5
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

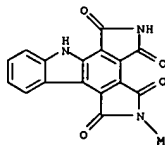
L2 ANSWER 27 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 568545-16-4 REGISTRY
 ED Entered STN: 18 Aug 2003
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone,
 2,5-dimethyl- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2,5-Dimethyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone
 FS 3D CONCORD
 MF C18 H11 N3 O4
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
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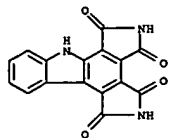
L2 ANSWER 28 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 568545-15-3 REGISTRY
 ED Entered STN: 18 Aug 2003
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2-methyl-
 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2-Methyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone
 FS 3D CONCORD
 MF C17 H9 N3 O4
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

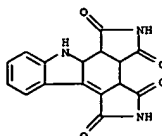
L2 ANSWER 29 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 568545-14-2 REGISTRY
 ED Entered STN: 18 Aug 2003
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 1H-Dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone
 FS 3D CONCORD
 MF C16 H7 N3 O4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
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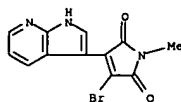
L2 ANSWER 30 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 568545-12-0 REGISTRY
 ED Entered STN: 18 Aug 2003
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone, 3b,6a,6b,7-tetrahydro- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3b,6a,6b,7-Tetrahydro-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone
 FS 3D CONCORD
 MF C16 H11 N3 O4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

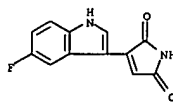
L2 ANSWER 31 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 447408-23-3 REGISTRY
 ED Entered STN: 06 Sep 2002
 CN 1H-Pyrrole-2,5-dione, 3-bromo-1-methyl-4-(1H-pyrrolo[2,3-b]pyridin-3-yl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-Bromo-1-methyl-4-(1H-pyrrolo[2,3-b]pyridin-3-yl)-1H-pyrrole-2,5-dione
 FS 3D CONCORD
 MF C12 H8 Br N3 O2
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8 REFERENCES IN FILE CA (1907 TO DATE)
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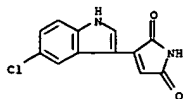
L2 ANSWER 32 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 374818-58-3 REGISTRY
 ED Entered STN: 12 Dec 2001
 CN 1H-Pyrrole-2,5-dione, 3-(5-fluoro-1H-indol-3-yl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-(1H-5-Fluoroindol-3-yl)-1H-pyrrole-2,5-dione
 CN 3-(5-Fluoro-1H-indol-3-yl)-1H-pyrrole-2,5-dione
 FS 3D CONCORD
 MF C12 H7 F N2 O2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

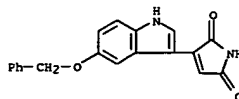
L2 ANSWER 33 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 374818-55-0 REGISTRY
 ED Entered STN: 12 Dec 2001
 CN 1H-Pyrrole-2,5-dione, 3-(5-chloro-1H-indol-3-yl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-(1H-5-Chloroindol-3-yl)-1H-pyrrole-2,5-dione
 CN 3-(5-Chloro-1H-indol-3-yl)-1H-pyrrole-2,5-dione
 FS 3D CONCORD
 MF C12 H7 Cl N2 O2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

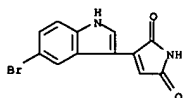
L2 ANSWER 34 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 374818-21-0 REGISTRY
 ED Entered STN: 12 Dec 2001
 CN 1H-Pyrrole-2,5-dione, 3-[5-(phenylmethoxy)-1H-indol-3-yl]- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-(1H-5-Benzoyloxyindol-3-yl)-1H-pyrrole-2,5-dione
 CN 3-[5-(Benzoyloxy)-1H-indol-3-yl]-1H-pyrrole-2,5-dione
 FS 3D CONCORD
 MF C19 H14 N2 O3
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
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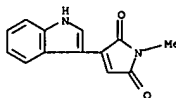
L2 ANSWER 35 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 374818-13-0 REGISTRY
 ED Entered STN: 12 Dec 2001
 CN 1H-Pyrrole-2,5-dione, 3-(5-bromo-1H-indol-3-yl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-(1H-5-Bromoindol-3-yl)-1H-pyrrole-2,5-dione
 CN 3-(5-Bromo-1H-indol-3-yl)-1H-pyrrole-2,5-dione
 FS 3D CONCORD
 MF C12 H7 Br N2 O2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
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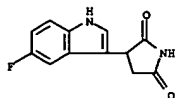
L2 ANSWER 36 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 221905-17-5 REGISTRY
 ED Entered STN: 29 Apr 1999
 CN 1H-Pyrrole-2,5-dione, 3-(1H-indol-3-yl)-1-methyl- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-(1H-Indol-3-yl)-1-methyl-1H-pyrrole-2,5-dione
 FS 3D CONCORD
 MF C13 H10 N2 O2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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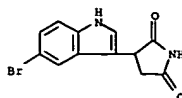
L2 ANSWER 37 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 198474-05-4 REGISTRY
 ED Entered STN: 12 Dec 1997
 CN 2,5-Pyrrolidinedione, 3-(5-fluoro-1H-indol-3-yl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-(5-Fluoro-1H-indol-3-yl)-2,5-pyrrolidinedione
 FS 3D CONCORD
 MF C12 H9 F N2 O2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

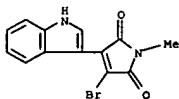
L2 ANSWER 38 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 190326-00-2 REGISTRY
 ED Entered STN: 23 Jun 1997
 CN 2,5-Pyrrolidinedione, 3-(5-bromo-1H-indol-3-yl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-(5-Bromo-1H-indol-3-yl)-2,5-pyrrolidinedione
 FS 3D CONCORD
 MF C12 H9 Br N2 O2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 39 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 119139-14-9 REGISTRY
 ED Entered STN: 17 Feb 1989
 CN 1H-Pyrrole-2,5-dione, 3-bromo-4-(1H-indol-3-yl)-1-methyl- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-Bromo-4-(1H-indol-3-yl)-1-methyl-1H-pyrrole-2,5-dione
 FS 3D CONCORD
 MF C13 H9 Br N2 O2
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

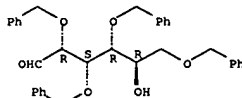


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

19 REFERENCES IN FILE CA (1907 TO DATE)
 19 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 40 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 38768-81-9 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN D-Glucose, 2,3,4,6-tetrakis-O-(phenylmethyl)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN D-Glucose, 2,3,4,6-tetra-O-benzyl- (6CI, 7CI)
 OTHER NAMES:
 CN 2,3,4,6-Tetra-O-benzyl-D-glucofuranose
 CN 2,3,4,6-Tetra-O-benzyl-D-glucose
 CN 2,3,4,6-Tetra-O-benzylglucose
 FS STEREOSEARCH
 DR 624715-49-7, 124813-81-6, 98815-81-7
 MF C34 H36 O6
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

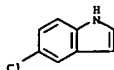
Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

415 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 416 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

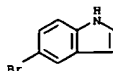
L2 ANSWER 41 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 17422-32-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-Indole, 5-chloro- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Indole, 5-chloro- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 5-Chloro-1H-indole
 CN 5-Chloroindole
 CN NSC 89562
 FS 3D CONCORD
 MF C8 H6 Cl N
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSCHEM, GZELIN*, IFICDB, IFIPAT, IFIUDS,
 MSDS-ORIS, SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

297 REFERENCES IN FILE CA (1907 TO DATE)
 298 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

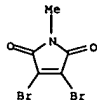
L2 ANSWER 42 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 10075-50-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-Indole, 5-bromo- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Indole, 5-bromo- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 5-Bromo-1H-indole
 CN 5-Bromoindole
 CN NSC 75581
 FS 3D CONCORD
 MF C8 H6 Br N
 CI COM
 LC STN Files: AQUIRE, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, GZELIN*, IFICDB, IFIPAT,
 IFIUDS, NAPRALERT, PS, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2,
 USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

496 REFERENCES IN FILE CA (1907 TO DATE)
 497 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

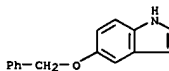
L2 ANSWER 43 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 3005-27-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-Pyrrole-2,5-dione, 3,4-dibromo-1-methyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Maleimide, 2,3-dibromo-N-methyl- (7CI, 8CI)
 OTHER NAMES:
 CN 1-Methyl-3,4-dibromomaleimide
 CN 2,3-Dibromo-N-methylmaleimide
 CN 3,4-Dibromo-N-methylmaleimide
 CN 3,4-Dibromo-N-methylpyrrole-2,5-dione
 CN Dibromo-N-methylmaleimide
 CN N-Methyl-2,3-dibromomaleimide
 CN N-Methyldibromomaleimide
 CN NSC 120444
 FS 3D CONCORD
 MF C5 H3 Br2 N O2
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

64 REFERENCES IN FILE CA (1907 TO DATE)
 64 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

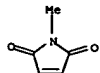
L2 ANSWER 44 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 1215-59-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-Indole, 5-(phenylmethoxy)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Indole, 5-(benzyloxy)- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 5-(Benzyloxy)-1H-indole
 CN 5-(Phenylmethoxy)-1H-indole
 CN 5-(Phenylmethoxy)indole
 CN 5-Benzyloxyindole
 CN Benzyl 1H-indol-5-yl ether
 CN NSC 62895
 FS 3D CONCORD
 MF C15 H13 N O
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDS, PS, RTECS*,
 SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

237 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 238 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 45 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 930-88-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-Pyrrole-2,5-dione, 1-methyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Maleimide, N-methyl- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 1-Methyl-1H-pyrrole-2,5-dione
 CN N-Methylmaleimide
 CN N-Methylmaleinimide
 CN NSC 57594
 FS 3D CONCORD
 MF C5 H5 N O2
 CI COM
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, GHELIN*, IFICDB, IFIPAT, IFIUDB, NIOSHTIC, PIRA, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS*
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1013 REFERENCES IN FILE CA (1907 TO DATE)
 20 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1013 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 16 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

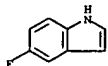
L2 ANSWER 46 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 541-59-3 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-Pyrrole-2,5-dione (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Maleimide (6CI, 8CI)
 OTHER NAMES:
 CN 3-Pyrroline-2,5-dione
 CN Maleic imide
 CN NSC 13684
 CN Pyrrole-2,5-dione
 FS 3D CONCORD
 MF C4 H3 N O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNS, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DETHERM*, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GHELIN*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, SCISEARCH, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL*, EINECS*, TSCA*
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2224 REFERENCES IN FILE CA (1907 TO DATE)
 842 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2231 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 33 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 47 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 399-52-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-Indole, 5-fluoro- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Indole, 5-fluoro- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 5-Fluoro-1H-indole
 CN 5-Fluoroindole
 CN NSC 88613
 FS 3D CONCORD
 MF C8 H6 F N
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS*
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

257 REFERENCES IN FILE CA (1907 TO DATE)
 257 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 48 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 120-72-9 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-Indole (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Indole (8CI)
 OTHER NAMES:
 CN 1-Azaindene
 CN 1-Benzazole
 CN 2,3-Benzopyrrole
 CN Benzo[b]pyrrole
 CN Ketole
 CN NSC 1964
 FS 3D CONCORD
 MF C8 H7 N
 CI COM, RPS
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNS, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GHELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL*, EINECS*, TSCA*
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

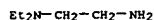
12572 REFERENCES IN FILE CA (1907 TO DATE)
 2043 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 12590 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 49 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 108-31-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 2,5-Furandione (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Maleic anhydride (8CI)
 OTHER NAMES:
 CN BM 10
 CN cis-Butenedioic anhydride
 CN Crystal Man
 CN Crystal Man AB
 CN Dihydro-2,5-dioxofuran
 CN HG 3-993-76
 CN Maleic acid anhydride
 CN Nourymix MA 901
 CN NSC 137651
 CN NSC 137652
 CN NSC 137653
 CN NSC 9568
 CN Toxicic anhydride
 FS 3D CONCORD
 DR 184288-31-1
 MF C4 H2 O3
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO,
 CA, CAOLD, CAPLUS, CASREACT, CSNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,
 CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIPPR*, DRUGU, ENGASE,
 ENCOMPLITZ, ENCOMPLITZ, ENCOMPPAT, ENCOMPPAT2, GHRELIN*, HSDB*, IFICDB,
 IFIPAT, IFIUDB, IPA, MRCK*, MSDS-OHS, NIOSHTIC, FOLCOM*, PIRA, PROMT,
 PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USPAT2, USPATFULL,
 VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT
 33710 REFERENCES IN FILE CA (1907 TO DATE)
 15865 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 33756 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 13 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 50 OF 50 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 100-36-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1,2-Ethanediamine, N,N-diethyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ethylenediamine, N,N-diethyl- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN N-(Diethylamino)ethylamine
 CN 1-Amino-2-(diethylamino)ethane
 CN 1-Amino-2-(N,N-diethylamino)ethane
 CN 2-(Diethylamino)ethanamine
 CN 2-(Diethylamino)ethylamine
 CN N,N-Diethyl-1,2-diaminoethane
 CN N,N-Diethyl-1,2-ethanediamine
 CN N,N-Diethyl-1,2-ethylenediamine
 CN N,N-Diethylethylenediamine
 CN N-(2-Aminoethyl)-N,N-diethylamine
 CN N-(2-Diethylaminoethyl)amine
 CN NSC 19675
 FS 3D CONCORD
 MF C6 H16 N2
 CI COM
 LC STN Files: ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS,
 CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM,
 GHRELIN*, IFICDB, IFIPAT, IFIUDB, IPA, PROMT, PS, RTECS*, SPECINFO,
 SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT
 1850 REFERENCES IN FILE CA (1907 TO DATE)
 146 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1851 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 40 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

95.88

99.72

STN INTERNATIONAL LOGOFF AT 09:55:24 ON 09 FEB 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1600RXA

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6 DEC 14 CA/Caplus to be enhanced with updated IPC codes
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/Caplus with the
IPC reform
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 13 JAN 30 Saved answer limit increased
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
<http://download.cas.org/express/v8.0-Discover/>

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:21:53 ON 09 FEB 2006

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:22:00 ON 09 FEB 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 FEB 2006 HIGHEST RN 873775-18-9

DICTIONARY FILE UPDATES: 7 FEB 2006 HIGHEST RN 873775-18-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSKA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

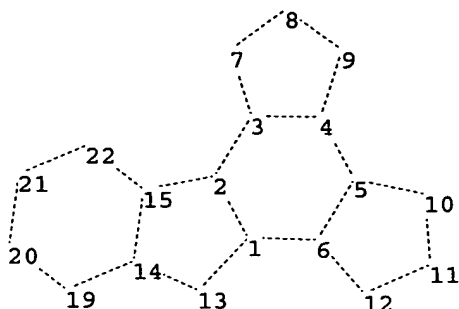
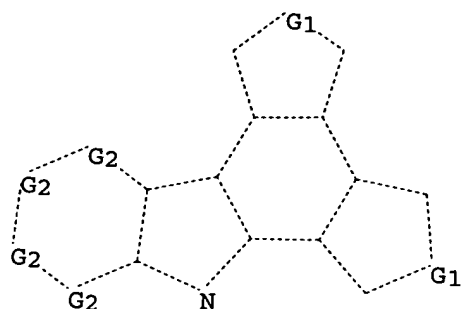
Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\QUERIES\10672418.str



ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 19 20 21 22

ring bonds :

1-2 1-6 1-13 2-3 2-15 3-4 3-7 4-5 4-9 5-6 5-10 6-12 7-8 8-9 10-11
11-12 13-14 14-15 14-19 15-22 19-20 20-21 21-22

exact/norm bonds :

1-2 1-6 1-13 2-3 2-15 3-4 3-7 4-5 4-9 5-6 5-10 6-12 7-8 8-9 10-11
11-12 13-14 14-15 14-19 15-22 19-20 20-21 21-22

isolated ring systems :

containing 1 :

G1:O,N

G2:C,N

Match level :

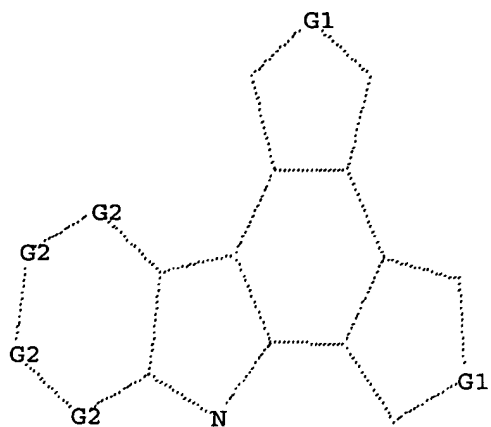
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 19:Atom 20:CLASS 21:CLASS 22:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 O,N

G2 C,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 10:22:26 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1413 TO ITERATE

100.0% PROCESSED 1413 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 26005 TO 30515

PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 10:22:29 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 26589 TO ITERATE

100.0% PROCESSED 26589 ITERATIONS

46 ANSWERS

SEARCH TIME: 00.00.01

L3 46 SEA SSS FUL L1

=> s l3 and caplus/lc

49689123 CAPLUS/LC

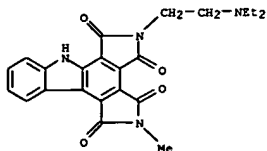
L4 41 L3 AND CAPLUS/LC

=> s l3 not l4

L5 5 L3 NOT L4

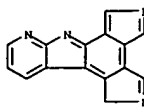
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L5 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 791062-09-4 REGISTRY
 ED Entered STN: 01 Dec 2004
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone,
 5-[2-(diethylamino)ethyl]-2-methyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H22 N4 O4
 CI COM
 SR CA



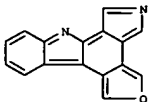
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 682352-38-1 REGISTRY
 ED Entered STN: 17 May 2004
 CN 1H-Pyrrolo[2,3-b]dipyrrolo[3,4-e:3',4'-g]indole (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C15 H8 N4
 CI RPS
 SR CA Index Guide or Ring Systems Handbook



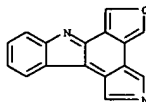
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 569361-56-4 REGISTRY
 ED Entered STN: 19 Aug 2003
 CN Furo[3,4-c]pyrrolo[3,4-a]carbazole (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C16 H8 N2 O
 CI RPS
 SR CA Index Guide or Ring Systems Handbook



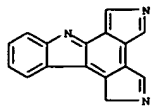
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 304856-10-8 REGISTRY
 ED Entered STN: 29 Nov 2000
 CN Furo[3,4-a]pyrrolo[3,4-c]carbazole (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C16 H8 N2 O
 CI RPS
 SR CA Index Guide or Ring Systems Handbook



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
RN 304678-15-7 REGISTRY
ED Entered STN: 28 Nov 2000
CN 1H-Dipyrrolo[3,4-a:3',4''-c]carbazole (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H9 N3
CI RPS
SR CA Index Guide or Ring Systems Handbook



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> fil caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
182.96	183.17

FULL ESTIMATED COST

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L1 STRUCTURE UPLOADED
L2 2 S L1
L3 46 S L1 FULL
L4 41 S L3 AND CAPLUS/LC
L5 5 S L3 NOT L4

FILE 'CAPLUS' ENTERED AT 10:25:08 ON 09 FEB 2006

=> s l4

L6 4 L4

=> d ibib abs hitstr 1-4

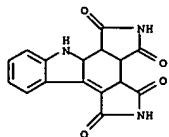
L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:411294 CAPLUS
 DOCUMENT NUMBER: 143:97555
 TITLE: Synthesis of granulatimide bis-imide analogues
 AUTHOR(S): Henon, Helene; Messaoudi, Samir; Hugon, Bernadette;
 Anizon, Fabrice; Pfeiffer, Bruno; Prudhomme, Michelle
 CORPORATE SOURCE: Laboratoire SEESIB, UMR 6504 du CNRS, Universite
 Blaise Pascal, Aubiere, 63177, Fr.
 SOURCE: Tetrahedron (2005), 61(23), 5599-5614
 CODEN: TETRAE; ISSN: 0040-4020
 PUBLISHER: Elsevier B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English

AB The synthesis of dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6-tetraones, structurally related to granulatimide is reported. These compds. can be considered as granulatimide analogs in which a maleimide heterocycle replaces the imidazole moiety. The synthesis of pyridino[2,3-b]dipyrrolo[3,4-e:3',4'-g]indole-1,3,4,6-tetraones is also reported. In these compds., a 7-azaindole unit replaces the indole moiety present in the granulatimide and isogranulatimide structures.

IT 568545-12-OP 568545-13-IP 681162-71-OP
 856414-04-SP 856414-06-7P 856414-08-9P
 856414-11-4P 856414-12-5P 856414-13-6P
 856414-19-2P 856414-25-OP 856414-26-1P
 856414-27-7P 856414-28-3P 856414-29-4P
 856414-30-7P 856414-32-9P

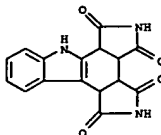
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (synthesis of dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6-tetraones as granulatimide bis-imide analogs)

RN 568545-12-0 CAPLUS
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone, 3b,6a,6b,7-tetrahydro- (9CI) (CA INDEX NAME)

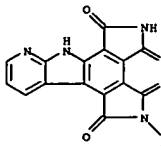


RN 568545-13-1 CAPLUS
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone, 3b,6a,7,11c-tetrahydro- (9CI) (CA INDEX NAME)

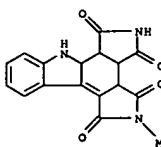
L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 681162-71-0 CAPLUS
 CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-e:3',4'-g]indole-1,3,4,6(2H,5H,7H)-tetrone, 2-methyl- (9CI) (CA INDEX NAME)

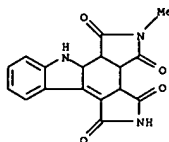


RN 856414-04-5 CAPLUS
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone, 3b,6a,6b,7-tetrahydro-2-methyl- (9CI) (CA INDEX NAME)

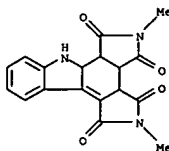


RN 856414-06-7 CAPLUS
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,5,7(2H,3aH,5H)-tetrone, 3b,6a,6b,7-tetrahydro-5-methyl- (9CI) (CA INDEX NAME)

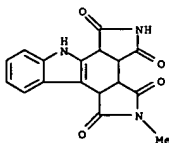
L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 856414-08-9 CAPLUS
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone, 3b,6a,6b,7-tetrahydro-2,5-dimethyl- (9CI) (CA INDEX NAME)

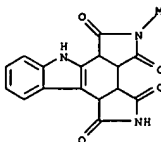


RN 856414-11-4 CAPLUS
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone, 3b,6a,7,11c-tetrahydro-2-methyl- (9CI) (CA INDEX NAME)

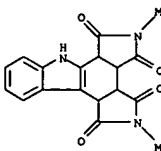


RN 856414-12-5 CAPLUS
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone, 3b,6a,7,11c-tetrahydro-5-methyl- (9CI) (CA INDEX NAME)

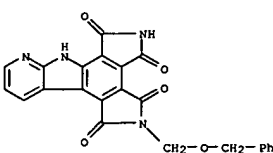
L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 856414-13-6 CAPLUS
 CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone, 3b,6a,7,11c-tetrahydro-2,5-dimethyl- (9CI) (CA INDEX NAME)

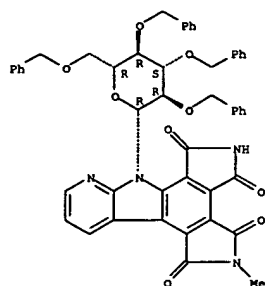


RN 856414-19-2 CAPLUS
 CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-e:3',4'-g]indole-1,3,4,6(2H,5H,7H)-tetrone, 2-((phenylmethoxy)methyl)- (9CI) (CA INDEX NAME)



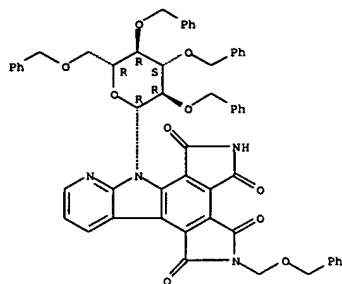
RN 856414-25-0 CAPLUS
 CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-e:3',4'-g]indole-1,3,4,6(2H,5H,7H)-tetrone, 2-methyl-7-([2,3,4,6-tetrakis-O-(phenylmethyl)-beta-D-glucopyranosyl])- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



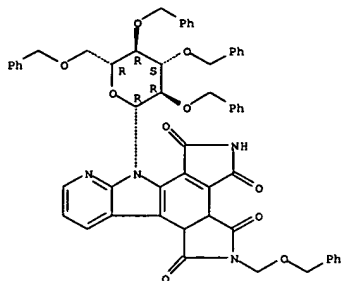
RN 856414-26-1 CAPLUS
CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-e:3',4'-g]indole-1,3,4,6(2H,5H,7H)-tetrone, 2-[(phenylmethoxy)methyl]-7-[2,3,4,6-tetrakis-O-(phenylmethyl)-β-D-glucopyranosyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



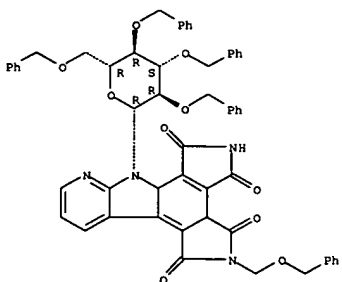
RN 856414-27-2 CAPLUS
CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-e:3',4'-g]indole-1,3,4,6(2H,3aH,5H)-tetrone, 7,11c-dihydro-2-methyl-7-[2,3,4,6-tetrakis-O-(phenylmethyl)-β-D-glucopyranosyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



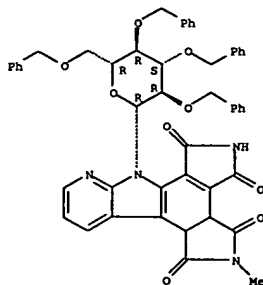
RN 856414-30-7 CAPLUS
CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-e:3',4'-g]indole-1,3,4,6(2H,3aH,5H)-tetrone, 6b,7-dihydro-2-[(phenylmethoxy)methyl]-7-[2,3,4,6-tetrakis-O-(phenylmethyl)-β-D-glucopyranosyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



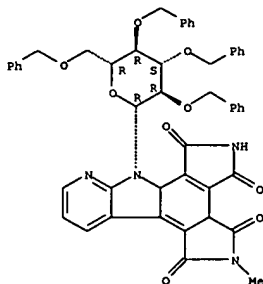
RN 856414-32-9 CAPLUS
CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-g:3',4'-e]indole-1,3,4,6(2H,5H,7H)-tetrone, 7-β-D-glucopyranosyl-2-(hydroxymethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



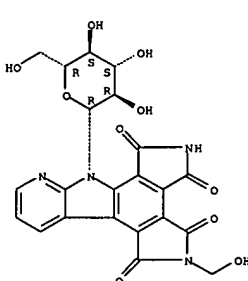
RN 856414-28-3 CAPLUS
CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-e:3',4'-g]indole-1,3,4,6(2H,3aH,5H)-tetrone, 6b,7-dihydro-2-methyl-7-[2,3,4,6-tetrakis-O-(phenylmethyl)-β-D-glucopyranosyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 856414-29-4 CAPLUS
CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-e:3',4'-g]indole-1,3,4,6(2H,3aH,5H)-tetrone, 7,11c-dihydro-2-[(phenylmethoxy)methyl]-7-[2,3,4,6-tetrakis-O-(phenylmethyl)-β-D-glucopyranosyl]- (9CI) (CA INDEX NAME)

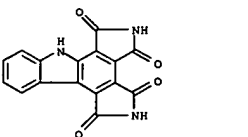
Absolute stereochemistry.



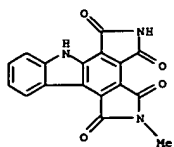
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681162-81-2P 681162-83-4P 681162-85-6P
681162-87-8P 681162-89-0P 856414-16-9P
856414-20-5P 856414-31-8P 856414-33-0P

RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis of dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6-tetraones as
granulatimide bis-imide analogs)

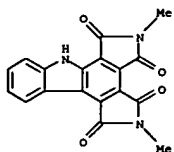
RN 568545-14-2 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone (9CI) (CA INDEX NAME)



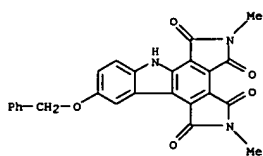
RN 568545-15-3 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2-methyl- (9CI) (CA INDEX NAME)



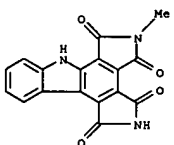
RN 568545-16-4 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2,5-dimethyl- (9CI) (CA INDEX NAME)



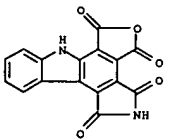
RN 568545-17-5 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2,5-dimethyl-10-(phenylmethoxy)- (9CI) (CA INDEX NAME)



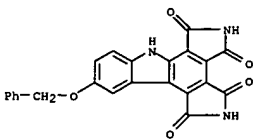
RN 568545-18-6 CAPLUS
CN Furo[3,4-c]pyrrolo[3,4-a]carbazole-1,3,4,6(5H,7H)-tetrone, 5-methyl- (9CI) (CA INDEX NAME)



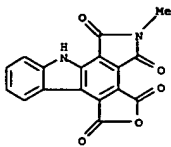
RN 681162-79-8 CAPLUS
CN Furo[3,4-a]pyrrolo[3,4-c]carbazole-1,3,4,6(2H,7H)-tetrone (9CI) (CA INDEX NAME)



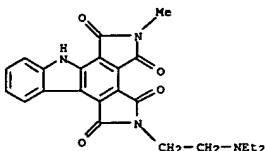
RN 681162-81-2 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 10-(phenylmethoxy)- (9CI) (CA INDEX NAME)



RN 681162-83-4 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 10-bromo- (9CI) (CA INDEX NAME)

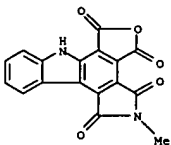


RN 568545-19-7 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2-[2-(diethylamino)ethyl]-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

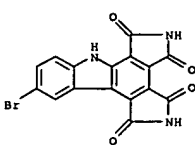


● HCl

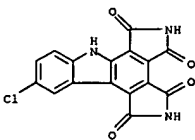
RN 681162-73-2 CAPLUS
CN Furo[3,4-a]pyrrolo[3,4-c]carbazole-1,3,4,6(2H,7H)-tetrone, 2-methyl- (9CI) (CA INDEX NAME)



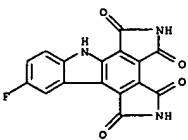
RN 681162-77-6 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 5-methyl- (9CI) (CA INDEX NAME)



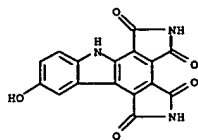
RN 681162-85-6 CAPLUS
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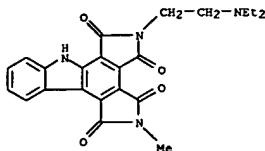
RN 681162-87-8 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 10-fluoro- (9CI) (CA INDEX NAME)



RN 681162-89-0 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 10-hydroxy- (9CI) (CA INDEX NAME)

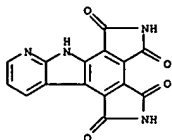


RN 856414-16-9 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 5-(2-(diethylamino)ethyl)-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 856414-20-5 CAPLUS
CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-a:3',4'-g]indole-1,3,4,6(2H,5H,7H)-tetrone (9CI) (CA INDEX NAME)



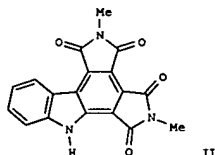
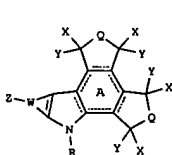
RN 856414-31-8 CAPLUS
CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-a:3',4'-g]indole-1,3,4,6(2H,5H,7H)-tetrone, 7-β-D-glucopyranosyl-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

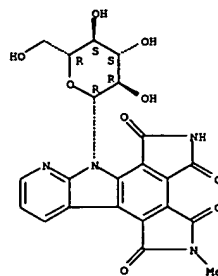
ACCESSION NUMBER: 2004:326182 CAPLUS
DOCUMENT NUMBER: 140:339315
TITLE: New anticancer bis-fused [3,4-a:3,4-c]carbazole derivatives, process for their preparation, and pharmaceutical compositions containing them
INVENTOR(S): Frudhomme, Michelle; Hugon, Bernadette; Anizon, Fabrice; Hickman, John; Pierre, Alain; Golsteyn, Roy; Renard, Pierre; Pfeiffer, Bruno
PATENT ASSIGNEE(S): Les Laboratoires Servier, Fr.
SOURCE: Eur. Pat. Appl., 42 pp.
CODEN: EPXKDW
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1411057	A1	20040421	EP 2003-292545	20031014
EP 1411057	B1	20050427		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
FR 2845996	A1	20040423	FR 2002-12847	20021016
US 2004077672	A1	20040422	US 2003-672418	20030926
AT 294181	E	20050515	AT 2003-292545	20031014
ES 2240927	T3	20051016	ES 2003-3292545	20031014
CA 2443585	AA	20040416	CA 2003-2443585	20031015
BR 2003004575	A	20040720	BR 2003-4575	20031015
NZ 528902	A	20040924	NZ 2003-528902	20031015
ZA 2003008053	A	20040708	ZA 2003-8053	20031016
JP 2004277404	A2	20041007	JP 2003-355815	20031016
			FR 2002-12847	A 20021016

PRIORITY APPLN. INFO.:
OTHER SOURCE(S): MARPAT 140:339315
GI

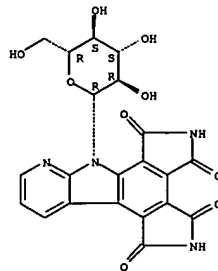


AB Title compds. I are disclosed (wherein: ring A is (un)saturated or (non)aromatic;
W = atoms to form benzo or pyrro fusion; Z = H or wide variety of monovalent groups or (m)ethylenedioxy; Q = (independently) O or (un)substituted NH; X = (independently) H, OH, SH, (un)branched alkoxy or alkythio; Y = (independently) H or XY = (independently) O or S; R = H, (un)substituted (un)branched alkyl, (un)substituted tetrahydropyranyl, especially carbohydrates; including stereoisomers and salts; with 4 specific



RN 856414-33-0 CAPLUS
CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-a:3',4'-g]indole-1,3,4,6(2H,5H,7H)-tetrone, 7-β-D-glucopyranosyl- (9CI) (CA INDEX NAME)

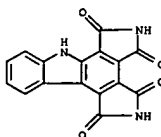
Absolute stereochemistry.



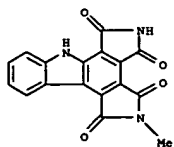
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

exceptions]. Over 50 compds. I are named, and approx. 16 are given with phys. data. For instance, cycloaddn. of 3-(1H-indol-3-yl)-1-methyl-1H-pyrrolo-2,5-dione with N-methylmaleimide in refluxing p-xylene gave an isomeric mixt. of products, which was treated with CF₃CO₂H in refluxing dioxane for 84 h to give example compd. II. This compd. had anticancer activity (IC₅₀) against 3 cell lines in vitro as follows: murine leukemia L1210: 6.8 μM; human lung cancer A549: 4.7 μM, and prostate cancer DU145: 5.4 μM.
IT 568545-14-2P, 1H-Dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone 568545-15-3P, 2-Methyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone 568545-16-4P, 2,5-Dimethyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone 568545-17-5P, 10-(Benzyloxy)-2,5-dimethyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone 568545-18-6P, 5-Methylfuro[3,4-c]pyrrolo[3,4-a]carbazole-1,3,4,6(2H,5H,7H)-tetrone 568545-19-7P, 2-(2-(Diethylamino)ethyl)-5-methyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone hydrochloride 681162-71-0P, 2-Methyl-1H-pyrrolo[2,3-b]dipyrrolo[3,4-a:3,4-g]indole-1,3,4,6(2H,5H,7H)-tetrone 681162-73-2P, 2-Methylfuro[3,4-a]pyrrolo[3,4-c]carbazole-1,3,4,6(2H,7H)-tetrone 681162-75-4P, 5-(2-(Diethylamino)ethyl)-2-methyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone 681162-77-6P, 5-Methyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone 681162-79-8P, Furo[3,4-a]pyrrolo[3,4-c]carbazole-1,3,4,6(2H,7H)-tetrone 681162-81-2P, 10-(Benzyloxy)-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone 681162-83-4P, 10-Bromo-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone 681162-85-6P, 10-Chloro-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone 681162-87-8P, 10-Fluoro-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone 681162-89-0P, 10-Hydroxy-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone 681162-91-4P, 2-(2-(Diethylamino)ethyl)-5-methyl-1H-dipyrrolo[3,4-a:3,4-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of anticancer bis-fused carbazole derivs.)

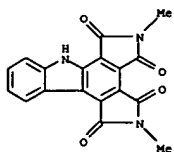
RN 568545-14-2 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone (9CI) (CA INDEX NAME)



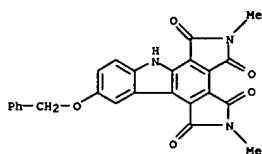
RN 568545-15-3 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2-methyl- (9CI) (CA INDEX NAME)



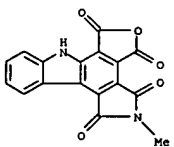
RN 568545-16-4 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2,5-dimethyl- (9CI) (CA INDEX NAME)



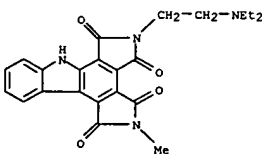
RN 568545-17-5 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2,5-dimethyl-10-(phenylmethoxy)- (9CI) (CA INDEX NAME)



RN 568545-18-6 CAPLUS
CN Furo[3,4-c]pyrrolo[3,4-a]carbazole-1,3,4,6(5H,7H)-tetrone, 5-methyl- (9CI)
(CA INDEX NAME)

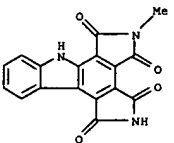


RN 681162-75-4 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 5-(2-(diethylamino)ethyl)-, hydrochloride (9CI) (CA INDEX NAME)

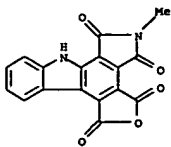


● x HCl

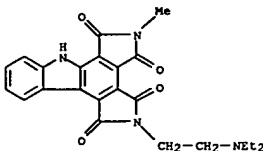
RN 681162-77-6 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 5-methyl- (9CI) (CA INDEX NAME)



RN 681162-79-8 CAPLUS
CN Furo[3,4-a]pyrrolo[3,4-c]carbazole-1,3,4,6(2H,7H)-tetrone (9CI) (CA INDEX NAME)

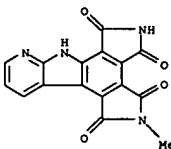


RN 568545-19-7 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2-[2-(diethylamino)ethyl]-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

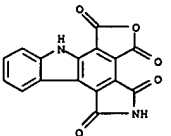


● HCl

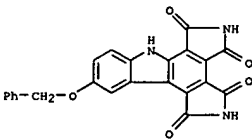
RN 681162-71-0 CAPLUS
CN 1H-Pyrido[2,3-b]dipyrrolo[3,4-e:3',4'-g]indole-1,3,4,6(2H,5H,7H)-tetrone, 2-methyl- (9CI) (CA INDEX NAME)



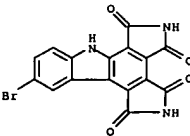
RN 681162-73-2 CAPLUS
CN Furo[3,4-a]pyrrolo[3,4-c]carbazole-1,3,4,6(2H,7H)-tetrone, 2-methyl- (9CI)
(CA INDEX NAME)



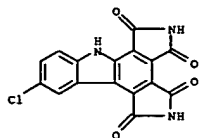
RN 681162-81-2 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 10-(phenylmethoxy)- (9CI) (CA INDEX NAME)



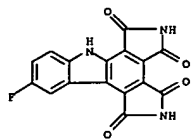
RN 681162-83-4 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 10-bromo- (9CI) (CA INDEX NAME)



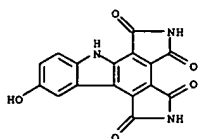
RN 681162-85-6 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 10-chloro- (9CI) (CA INDEX NAME)



RN 681162-87-8 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone,
10-fluoro- (9CI) (CA INDEX NAME)

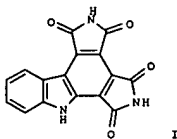


RN 681162-89-0 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone,
10-hydroxy- (9CI) (CA INDEX NAME)



RN 681162-91-4 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone,
2-[2-(diethylamino)ethyl]-5-methyl- (9CI) (CA INDEX NAME)

ACCESSION NUMBER: 2003:325880 CAPLUS
DOCUMENT NUMBER: 139:133708
TITLE: Synthesis of granulatinimide analogues bearing a maleimide instead of an imidazole heterocycle
AUTHOR(S): Hugon, Bernadette; Pfeiffer, Bruno; Renard, Pierre; Prudhomme, Michelle
CORPORATE SOURCE: Synthese et Etude de Systemes a Interet Biologique, Universite Blaise Pascal, UMR 6504 du CNRS, Aubiere, 63177, Fr.
SOURCE: Tetrahedron Letters (2003), 44(20), 3935-3937
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 139:133708
GI

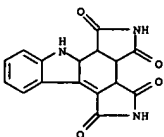


AB A synthesis in a few steps of a new family of granulatinimide analogs was performed. In the new compds., the aromatic framework of granulatinimide

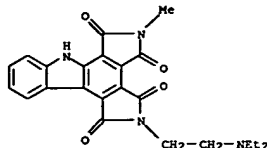
is modified by replacement of the imidazole unit by a maleimide moiety, e.g. I. The synthesis of a water-soluble analog is also presented.

IT 568545-12-0P 568545-13-1P 568545-18-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis of granulatinimide analogs bearing a maleimide instead of an imidazole heterocycle)

RN 568545-12-0 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone,
3b,6a,6b,7-tetrahydro- (9CI) (CA INDEX NAME)

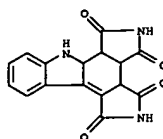


RN 568545-13-1 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone,



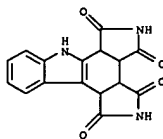
IT 568545-12-0, 3b,6a,6b,7-Tetrahydro-1H-dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone
RL: RCT (Reactant); RACT (Reactant or reagent)
(starting material; preparation of anticancer bis-fused carbazole derivs.)

RN 568545-12-0 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone,
3b,6a,6b,7-tetrahydro- (9CI) (CA INDEX NAME)

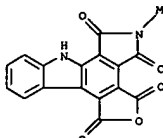


REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

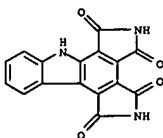
3b,6a,7,11c-tetrahydro- (9CI) (CA INDEX NAME)



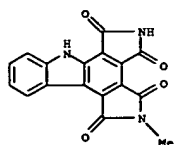
RN 568545-18-6 CAPLUS
CN Furo[3,4-c]pyrrolo[3,4-a]carbazole-1,3,4,6(5H,7H)-tetrone, 5-methyl- (9CI)
(CA INDEX NAME)



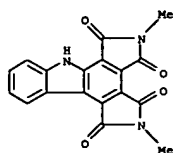
IT 568545-14-2P 568545-15-3P 568545-16-4P
568545-17-5P 568545-19-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis of granulatinimide analogs bearing a maleimide instead of an imidazole heterocycle)
RN 568545-14-2 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone (9CI) (CA INDEX NAME)



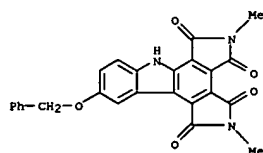
RN 568545-15-3 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2-methyl- (9CI) (CA INDEX NAME)



RN 568545-16-4 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2,5-dimethyl- (9CI) (CA INDEX NAME)



RN 568545-17-5 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2,5-dimethyl-10-(phenylmethoxy)- (9CI) (CA INDEX NAME)



RN 568545-19-7 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,5H,7H)-tetrone, 2-[2-(diethylamino)ethyl]-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

ACCESSION NUMBER: 2000:553875 CAPLUS
DOCUMENT NUMBER: 133:335149
TITLE: Acid-induced dimerization of 3-(1H-indol-3-yl)maleimides. Formation of cyclopentindole derivatives
AUTHOR(S): Bergman, Jan; Janosik, Tomasz; Koch, Eva; Pelcman, Benjamin
CORPORATE SOURCE: Department of Biosciences at Novum, Karolinska Institute, Huddinge, SE-141 57, Swed.
SOURCE: Perkin 1 (2000), (16), 2615-2621
CODEN: PERKF9
PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 133:335149
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

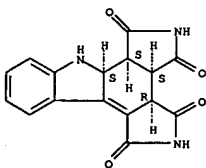
AB Acid-induced dimerizations of 3-substituted maleimides were investigated, leading to e.g. the cyclopentindole 1 and the deeply colored spiro compds.

II (R = H, MeO) in good yields. 3-(1H-indol-3-yl)maleimide readily gave the cycloaddn. products III (X = NH, NET, O) 13-15 on treatment with appropriate dienophiles. In addition, several related 3,3-di(1H-indol-3-yl)succinimides were prepared and studied.

IT 303190-29-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); REACT (Reactant or reagent)
(preparation of cyclopentindoles by acid-induced dimerization of indolylmaleimides)

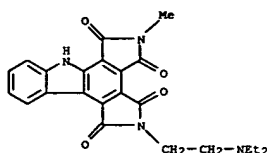
RN 303190-29-6 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone, 3b,6a,6b,7-tetrahydro-, (3aR,3bS,6aS,6bS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 303190-30-9P 303190-31-0P 303190-32-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of cyclopentindoles by acid-induced dimerization of indolylmaleimides)

RN 303190-30-9 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone,

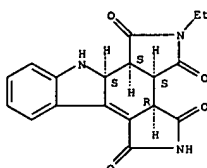


● HCl

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

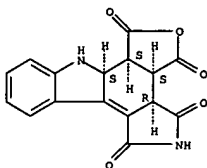
5-ethyl-3b,6a,6b,7-tetrahydro-, (3aR,3bS,6aS,6bS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



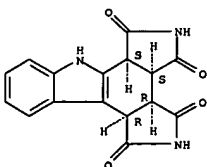
RN 303190-31-0 CAPLUS
CN Furo[3,4-a]pyrrolo[3,4-c]carbazole-1,3,4,6(2H,3aH)-tetrone, 3b,6a,6b,7-tetrahydro-, (3aR,3bS,6aS,6bS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 303190-32-1 CAPLUS
CN 1H-Dipyrrolo[3,4-a:3',4'-c]carbazole-1,3,4,6(2H,3aH,5H)-tetrone, 3b,6a,7,11c-tetrahydro-, (3aR,3bS,6aS,11cR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

21.36

204.53

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Feb 3, 2006 (20060203/UP).

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COST IN U.S. DOLLARS

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FULL ESTIMATED COST

0.06

204.59

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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0.00

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